

# SETTING the STANDARD



InterNational Electrical Testing Association

# Who is NETA

## The Accredited Companies

- Independent, third-party, unbiased testing authority
- Stringent membership standards
- Accreditation = Quality Assurance

## NETA Certified Test Technicians

- Proven broad-based, field-experienced knowledge
- Required continuing education

## ANSI Accredited Standards Developer

- Producer of nationally recognized consensus standards

## Technical Training and Safety

- PowerTest: Electrical Maintenance and Safety Conference
- Papers – panels – seminars – symposiums – world-class trade show

## Power Systems Testing Specifications

- Evaluate all components of your power distribution system
  - Visual and mechanical inspection guidance
  - Electrical tests
  - Test values

## NETA World Technical Journal

- The only publication exclusively for the electrical acceptance and maintenance testing industry
- Explanatory as well as technical articles
- Subjects such as circuit breakers, transformers, power quality, safety, government news, field testing tips, and more
- Peer-reviewed, relevant, and timely to keep you informed of latest trends



## Technical Representation of Industry

- NETA serves the electrical power industry
- ANSI, IEEE, NEMA, NFPA, and more!
- IEEE/NFPA Arc Flash Collaborative Research Project Silver Level Sponsor

## NETA is

- Dedicated to setting world standards in electrical maintenance and acceptance testing
- The most comprehensive source for specifications and requirements in
  - Acceptance testing new electrical equipment and systems
  - Maintenance testing of existing equipment and systems to assess the suitability for continued service

# Safety

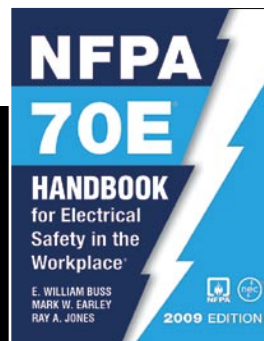
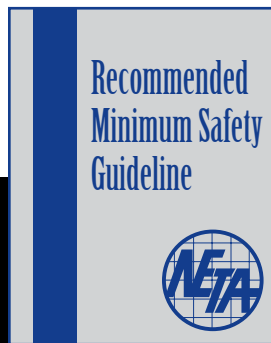


## NETA's commitment to safety

The InterNational Electrical Testing Association recognizes that no phase of its operation, whether field, laboratory, engineering, or administration, is of greater importance than safety and the prevention of illnesses and accidents.

## Safety requirements and safety standards

- NETA is proud to be a silver level sponsor of the IEEE/NFPA Arc Flash Collaborative Research Project. For more information about this initiative, visit <http://standards.ieee.org/esrc/arcflash/index.html>
- NETA publishes *Recommended Minimum Safety Guidelines* for NETA Accredited Companies to use as the basis for their safety procedures.
- NETA carries several industry-recognized publications, such as *NFPA 70E, Standard for Electrical Safety in the Workplace*, the *NFPA 70E Handbook*, the *Electrical Safety Program Book*, and the *Electrical Safety Handbook*, to assist members and nonmembers in the development of their own safety programs.
- Safety is an important feature of every PowerTest: Electrical Maintenance and Safety Conference with conference programming and exhibits that focus on safety issues and solutions.



# NETA Accredited Companies



**Is uptime critical?  
Power System Reliability**



**How many years are left?  
Extend Your Service Life**



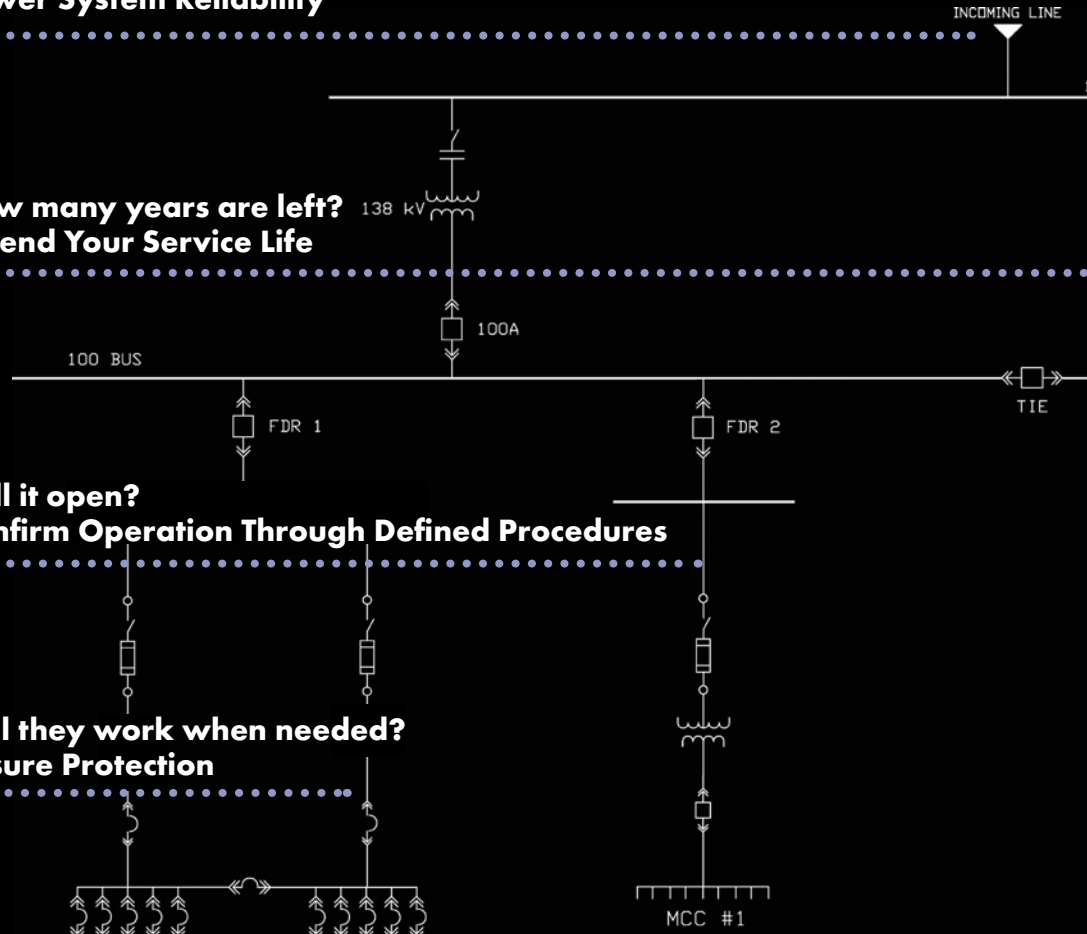
**Will it open?  
Confirm Operation Through Defined Procedures**



**Will they work when needed?  
Assure Protection**



**Are you reliably connected?  
Reinforce Dependability**



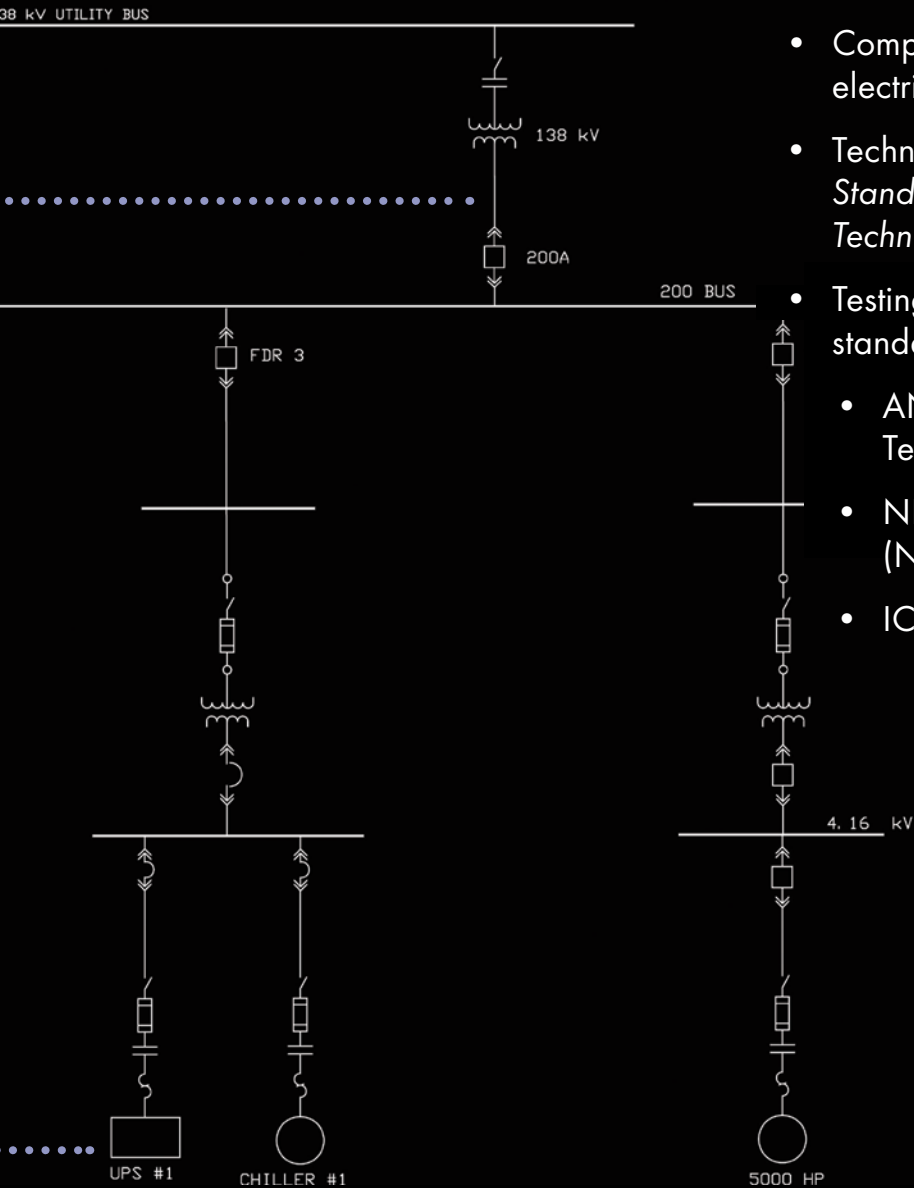
## Who is NETA?

NETA, the accredited standards developer for the American National Standards Institute (ANSI), is the leading source of specifications, procedures, testing, and commissioning requirements of newly-installed electrical equipment, as well as assuring reliability and continued serviceability of in-service electrical equipment.

# Setting the Standard



## The NETA Distinction — When you hire a NETA Accredited Company you are assured that



- Companies are unbiased, third-party, independent electrical testing firms
- Technicians are certified under the ANSI/NETA Standard for Certification for Electrical Testing Technicians (ANSI/NETA ETT-2000)
- Testing is performed in accordance with industry standards including:
  - ANSI/NETA Standard for Maintenance Testing Specifications (ANSI/NETA MTS)
  - NETA Acceptance Testing Specifications (NETA ATS)
  - ICEA, NEMA, NFPA, OSHA, among others

**Are your people protected?  
Understand The Risk**



# PowerTest Electrical Maintenance and Safety Conference and Trade Show

## Technical education at its highest value

- Panel discussions designed for valuable audience interaction
- Comprehensive technical symposiums to generate questions and answers
- In-depth, technically-relevant seminars
- World-class trade show
- Field-experienced instructors and attendees
- Peer networking and interaction

An  
**InterNational Electrical Testing Association** Event  
**[www.powertest.org](http://www.powertest.org)**

*"This was great! The best technical presentation/panel session I have attended so far."*

Bob Aslin  
FM Global

*"Good, practical, hands-on experience. Very good visual examples of how application was used after problems were identified. Problem identification was covered in depth."*

Jim Kinney  
Belyea Company, Inc.

*"Excellent topics. Speakers spoke well, subject content explained, and plenty of examples given."*

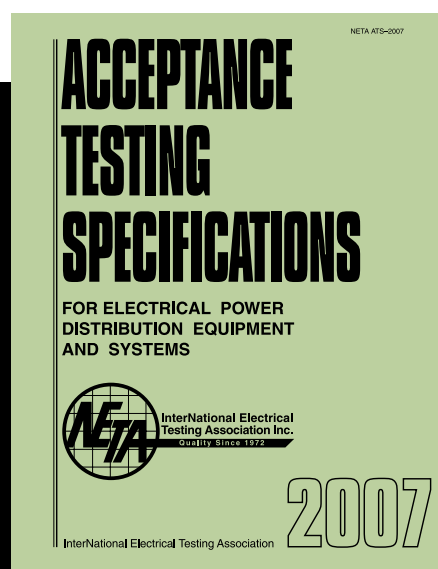
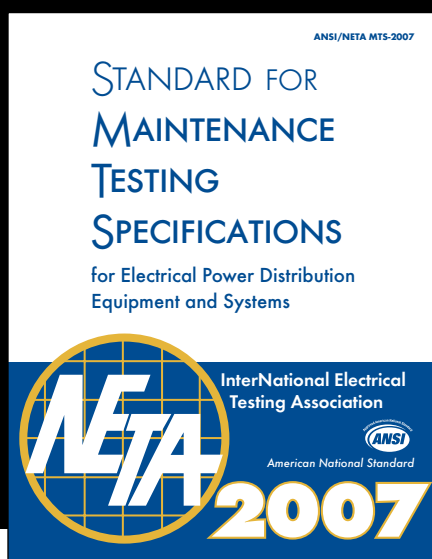
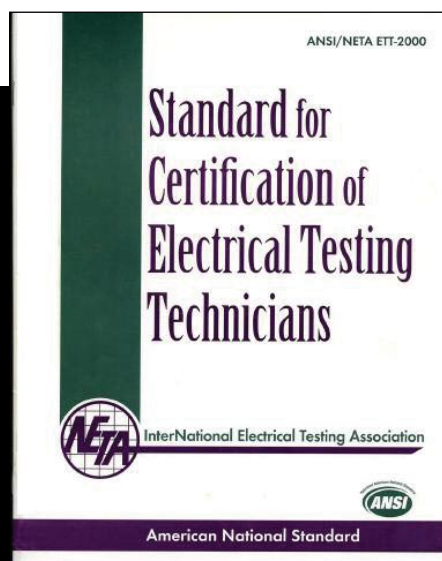
Alex Piccioli  
Three-C Electrical Company, Inc.



# Standards and Specifications

## Standards and Specifications

As an Accredited Standards Developer for the American National Standards Institute (ANSI), NETA sets the standards for specifications in the electrical testing industry. NETA's standards and specifications were developed by industry leaders that have thousands of hours of field experience, in-depth knowledge of other industry codes and standards, and that put safety first in all testing situations. NETA members hold positions on the technical review committees of related electrical industries such as IEEE, NEMA, NECA, NFPA, and others.



### ANSI/NETA ETT

The ANSI/NETA Standard for Certification of Electrical Testing Technicians provides a nationally recognized procedure for qualifying electrical testing technicians and the agencies that certify them. This ANSI standard defines competency on the basis of experience, education, and a certifying examination. This document was approved as an ANSI standard in 2000.

### ANSI/NETA MTS

The purpose of the ANSI/NETA Standard for Maintenance Testing Specifications for Electrical Power Distribution Equipment and Systems is to assure that tested electrical equipment and systems are operational and within acceptable standards and manufacturer's tolerances and that the equipment and systems are suitable for continued service. This document was approved as an ANSI standard in 2007.

### NETA ATS

The NETA Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems serves to assure that tested electrical equipment and systems are operational and within applicable standards and manufacturer's tolerances and that the equipment and systems are installed in accordance with design specifications. This document is currently a candidate for recognition as an ANSI standard.



# InterNational Electrical Testing Association

an accredited standards developer



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